

Message

From: Hughes, Adam (IHS/PHX) [Adam.Hughes@ihs.gov]
Sent: 8/16/2013 12:03:45 AM
To: lpuhuyesva@hopi.nsn.us; Lee, Bessie [Lee.Bessie@epa.gov]; bbettenberg@homerlaw.com; eldine.stevens@bia.gov; jshomaker@shomaker.com; UMowa@hopi.nsn.us; lidennis@hopi.nsn.us; sfritz@shomaker.com; vern@yjdrilling.com
CC: Felter, Marcus J (IHS/PHX) [Marcus.Felter@ihs.gov]; Lorenz, Robert (IHS/PHX) [Robert.Lorenz@ihs.gov]; Heintzman, Tom (IHS/PHX) [Tom.Heintzman@ihs.gov]; Matson, Eric (IHS/PHX) [Eric.Matson@ihs.gov]; brad.rea@ihs.gov; Hamilton, John (IHS/PHX) [John.Hamilton@ihs.gov]; VanVleet, Joshua (IHS/PHX) [joshua.vanvleet@ihs.gov]
Subject: HAMP well drilling update
Attachments: Turquoise Trail Well 2 arsenic result - upper N aquifer.pdf

Attached is the third arsenic result from the Turquoise Trail Well #2, for the upper N aquifer. The lab result was 0.0029 mg/L of arsenic. This result is substantially less than the EPA maximum contaminant level of 0.01 mg/L.

Arsenic results received to date:

Lower N aquifer:	0.0046 mg/L	sampled on 7/28/13
Middle N aquifer:	0.0041 mg/L	sampled on 8/5/13
Upper N aquifer:	0.0029 mg/L	sampled on 8/8/13

Reaming of the 12" borehole is in progress, with the borehole currently reamed to an 18" diameter down to about 700 ft below ground surface. It is expected that reaming will take another 2-3 weeks to reach the final design well depth of 2,180 ft. Well casing and screen has been ordered by Yellow Jacket drilling.

I'll provide another update when arsenic results from the D aquifer are received.

Regards,

Adam Hughes, P.E.
LCDR, USPHS
Senior Environmental Engineer
Indian Health Service
5448 S. White Mountain Blvd, Suite 220
Lakeside, AZ 85929
phone: 928-537-0578
fax: 928-537-3060